



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Nagarajan Vaidehi, et al.      Art Unit : 1631  
Serial No. : 09/816,755      Examiner : Cheyne D. Ly  
Filed : March 23, 2001  
Title : METHOD AND APPARATUS FOR PREDICTING STRUCTURE OF  
TRANSMEMBRANE PROTEINS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: March 2, 2004

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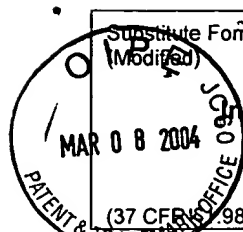
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 Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 06618-606001	Application No. 09/816,755
	<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)			
	Applicant Nagarajan Vaidehi, et al.		Filing Date March 23, 2001	Group Art Unit 1631

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AB							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AC	Shoichet et al., "Ligand Solvation in Molecular Docking," <u>PROTEINS: Structure, Function, and Genetics</u> , 34:4-16 (1999).
	AD	Vaidehi, N. et al., "Constant Temperature Constrained Molecular Dynamics: The Newton-Euler Inverse Mass Operator Method," <u>J. Phys. Chem.</u> , 100:25 (1996), 10508-10517.
	AE	Berman, et al., "The Protein Data Bank," <u>Nucleic Acids Research</u> , 2000, Vol. 28, No. 1, 235-242.
	AF	Ding, et al., "The reduced cell multipole method for Coulomb interactions in periodic systems with million-atom unit cells," <u>Chemical Physics Letters</u> , vol. 196, no. 1,2, August 7, 1992, pp. 6-10.
	AG	Gimenez, "The composition and structure of the neurone membrane: the molecular bases of physiology and pathology," <u>Rev. Neurol. (Paris)</u> 26, 232-239 ( <i>in Spanish with English summary</i> ).
	AH	Kiefer, et al., "Expression of an Olfactory Receptor in Escherichia coli: Purification, Reconstitution, and Ligand Binding," <u>Biochemistry</u> , 1996, 35, 16077-16084.
	AI	Lim, et al., "Molecular Dynamics for Very Large Systems on Massively Parallel Computers: The MPSim Program," <u>J of Computational Chem.</u> , Vol. 18, no. 4, 501-521 (1997).
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	AL	Rappe, et al., "Charge Equilibration for Molecular Dynamics Simulations," <u>J. Phys. Chem.</u> , 1991, 95, 3358-3363.
	AM	Vaidehi, et al., "Domain Motions in Phosphoglycerate Kinase using Hierarchical NEIMO Molecular Dynamics Simulations," <u>J. Phys. Chem.</u> , 2000, 104, 2375-2383.
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	AO	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	